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E7.4-10310

CR-136792

Monthly Report  
to  
National Aeronautics and Space  
Administration

E74-10310) [DEVELOP TECHNIQUES AND  
PROCEDURES, USING MULTISPECTRAL SYSTEMS,  
TO IDENTIFY FROM REMOTELY SENSED DATA  
THE PHYSICAL AND THERMAL (South Dakota  
State Univ.) 2 p HC \$4.00 CSCL 08M

N74-17097

Unclas  
00310

G3/13

Contract No. NAS 9-13337

Period Ending January 1, 1974

Remote Sensing Institute  
South Dakota State University  
Brookings, South Dakota 57006

3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337

3.1 Progress Reports

a. Overall status ----

Further coordination of the SL-4 activities were pursued for the effort in southern Texas. Dr. C. Weigand and Dr. B. Hart were consulted for the test-site selection. Maury Horton and Donald Moore departed with the equipment for ground-data acquisition in southern Texas on December 28, 1973.

Continued development of the boundary detection algorithm was pursued by modifying the procedures to establish thresholding of results.

b. Recommendations ----

None at this time.

c. Expected accomplishments ----

Accomplishments during the next reporting period should include site identification and coordination with the aircraft division, ground data collection, and initial cataloging and reduction of ground data. SKYLAB data-collection passes over track 29 are scheduled for January 4, 9, or 14.

d. A readily.....results.....

None at this time.

e. Summary outlook ----

At this time, the summary outlook appears to follow in general, that which is stated in the "SOW" of the contract. However, those data to be analyzed will be selected after knowledge of which data are available.

f. Travel summary ----

Travel for the next reporting period will include two RSI personnel traveling to the Texas site by car. In addition, three RSI personnel will travel with the RSI aircraft for the data collection mission.